



Compendex / EngineeringVillage

Solução essencial de
Pesquisa em Engenharia e Tecnologia

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Sobre a Elsevier

<http://elsevier.com>

- ✓ Líder mundial em informação e estudos da ciência e medicina.
- ✓ Mais de 140 anos de atividades editoriais
- ✓ 7.000 sócios editoriais (revistas), 70.000 membros de conselhos editoriais, 30.000 revisores e 600.000 autores
- ✓ 9.000 funcionários 24 países.

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Information Analytics, uniting Content & Technology



Material de apoio e Redes Sociais

Elsevier Pesquisa LAS *Latin South*

Compendex (EngineeringVillage)

<http://engineeringvillage.com>

<https://www.elsevier.com/engineeringvillage>



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Elsevier Pesquisa



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Páginas Corporativa e de Produtos:

<https://www.elsevier.com/location-selector>



EngineeringVillage (14 bases de dados)

uma única plataforma de grande alcance



Engineering Village®
Celebrating 25 years!



Engineering Village



14- Knovel

11- USPTO
12- EPO
13- WIPO



10- NTIS



9- PaperChem



enCompass
7- Literature /
8- Patents



5- Chimica
6- CBNB



2- Inspec

3- Georef
4- Geobase

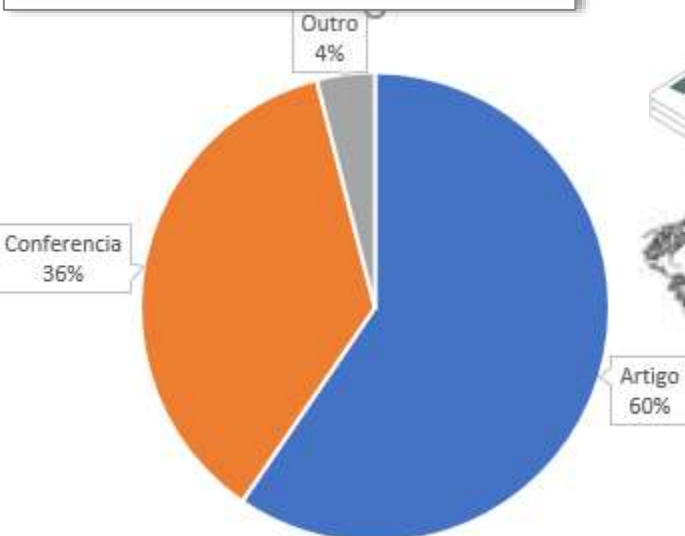
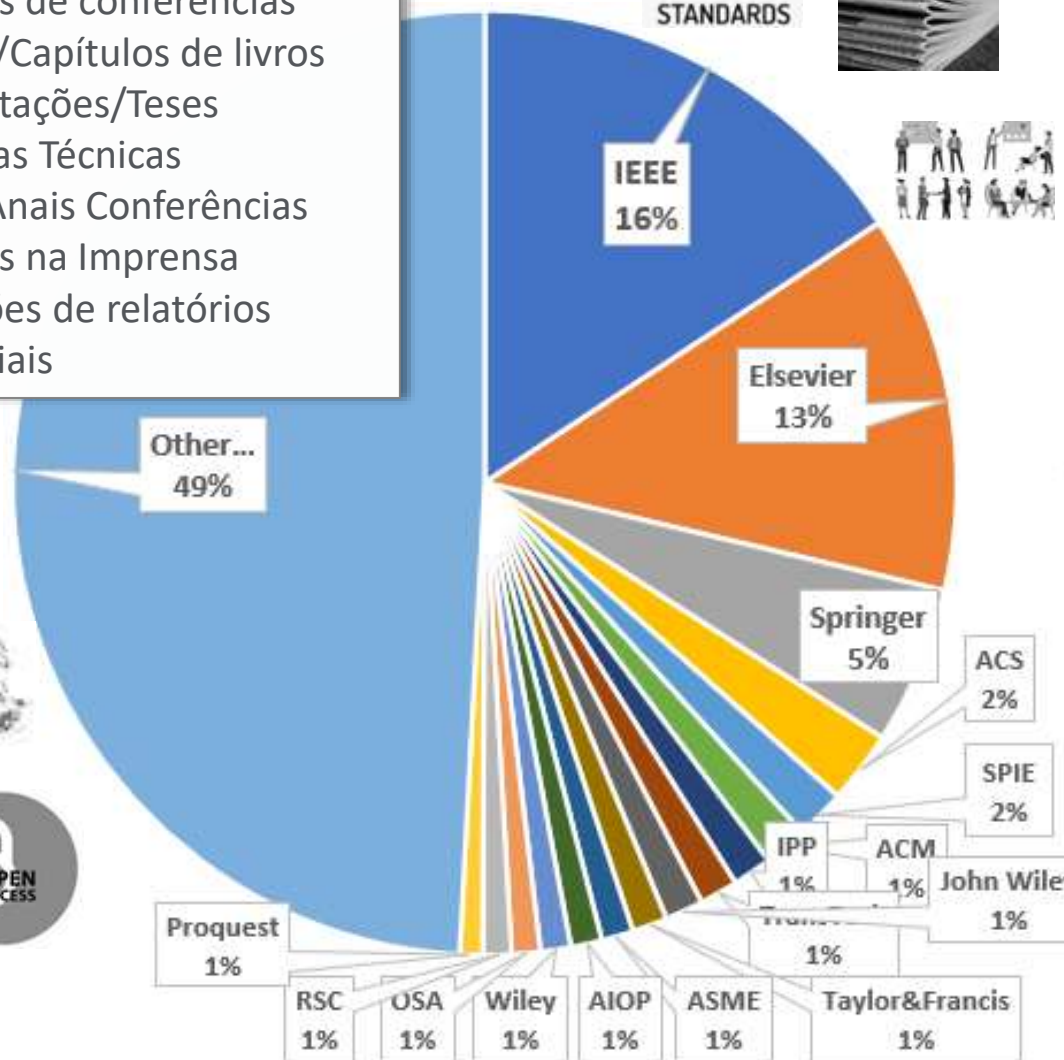


1- Compendex





- Artigos científicos
- Artigos de conferências
- Livros/Capítulos de livros
- Dissertações/Teses
- Normas Técnicas
- Atas/Anais Conferências
- Artigos na Imprensa
- Revisões de relatórios
- Editoriais



- 28 M registros (A&I)
- 4 M *OpenAccess*
- 190 disciplinas
- 5 M opções fomento
- 223 m dissertações
- 200 m normas técnicas
- 81 países
- 2,5 m editores
- 3,7 m revistas científicas

1

Um ponto central de descoberta





Tesouro Ei (Engineering Index)

(vocabulário controlado especializado – Engenharia e Tecnologia)
Criado em 1884 – em permanente atualização

**Palavra Controlada
e
Palavra Chave**

Garantia de:

**PRECISÃO
AGILIDADE
RELEVÂNCIA**

Lista de palavras
Grupos e Conceitos
Relacionados

de 22K para 27M de registros

11.623
PREFERRED
TERMS

10.350
NON-PREFERRED
TERMS

859
CLASSIFICATION
CODES

13.632
BT
relationships

18.747
RT
relationships

10.064
USE
relationships

MCC
relationships

OCC
relationships

UA and UO
relationships

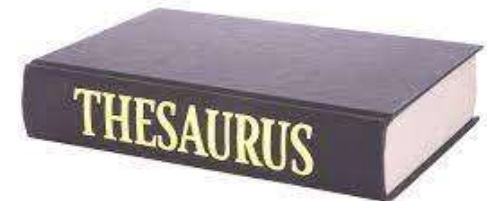
11.016

8.316

578

22.832

TOTAL TERMS



Termos mais
Ampos,
Relacionados, mais
Específicos

63 feet... 63 ft = 63 feet = 63 foot = 21 yards = 21 yard = 21 yd = 19 meters = 19 metres = 19 m = 1920 centimeters = 1920 centi-meters = 1920 centimetres = 1920 centi-metres = 1920 cm

SI Units	
Quantity Measured	Unit (symbol)
Size	Meter (m)
Mass	Kilogram (kg)
Time	Second (s)
Electric Current	<u>Amper (A)</u>
Temperature	Kelvin (K)
Amount of Substance	Mole (m)
Luminous intensity	Candela (cd)

Seleção Propriedade Física

Meter-Squared (m2)

Area (area)

Centi-meter-Squared (cm2)

Foot-Squared (ft2)

Hectare (hectare)

Inch-Squared (in2)

Kilometer-Squared (km2)

Qualidade, Diversidade, Relevância e Amplitude

Top Publishers

1. Conteúdo Estabelecido:

Livros,

Teses

Dissertações



2. Conteúdo Histórico, Inovador:

Artigos Científicos

Documentos de Conferências



3. Conteúdo Aplicado:

Normas Técnicas

Top Standards



Uma plataforma de pesquisa e descoberta em **Engenharia e Tecnologia**

Tenha o Controle de sua pesquisa

Encontre o que **você precisa**



Identifique pesquisa únicas



Gere novas ideias



Mantenha-se atualizado



Entenda sobre novas temáticas



Identifique Pares e Colaboradores



Acompanhe a comunidade mundial

Evite o que você **não precisa**



A falta de Qualidade, Precisão, Credibilidade



Conteúdo ausente



Eliminação de Duplicatas



Leitura e revisão de conteúdo irrelevante



Buscas repetidas em diferentes plataformas

Revise com o Menor Esforço e a Maior Rapidez



Acesso à Plataforma Engineering Village base de dados **Compendex**



Portal de Periódicos CAPES: <http://periodicos.capes.gov.br>

1 - Acesso CAFe – Validação de Acesso

2 - Acervo

3 - Lista de bases

buscar base 'compendex'

Treinamentos – Calendário e Materiais de apoio



The screenshot shows the homepage of the CAPES Periodicals Portal. The header includes the 'gov.br' logo, 'Ministério da Educação/CAPES', and navigation links for 'Órgãos do Governo', 'Acesso à Informação', 'Legislação', 'Acessibilidade', 'Entrar', and 'Meu espaço'. The main navigation bar features 'CAPES', '.periodicos.', 'Sobre', 'Acervo', 'Treinamentos', 'Informativos', and 'Ajuda'. A dropdown menu for 'Acervo' is open, showing 'Buscar assunto', 'Calendário', 'Lista de bases', 'Lista de livros', and 'Materiais de apoio'. A search bar at the bottom contains the text 'Olá. O que você está procurando?' and a magnifying glass icon. Red circles and numbers highlight specific elements: 'Entrar' (1), 'Acervo' (2), 'Lista de bases' (3), and the 'Acesso CAFe' dropdown (1).

gov.br Ministério da Educação/CAPES

Órgãos do Governo Acesso à Informação Legislação Acessibilidade Entrar

CAPES .periodicos. Sobre Acervo Treinamentos Informativos Ajuda Meu espaço

Você tem acesso ao conteúdo gratuito do Portal de Periódicos da CAPES

Acesso CAFe

Buscar assunto Calendário

Lista de bases Materiais de apoio

Lista de livros

Lista de periódicos

Olá. O que você está procurando?

Plataforma de busca EngineeringVillage

Search ▾ Alerts ²⁵ Selected records ⁰ ? ▾ Luiz Baginski ▾

Quick search

Search in: All fields ▾ for Search for... e.g. transcription factors AND jon smith

AND ▾ All fields for Search for... e.g. transcription factors AND jon smith

OR All fields for Search for... e.g. transcription factors AND jon smith

NOT All fields for Search for... e.g. transcription factors AND jon smith

Subject/Title/Abstract
Abstract
Author
Author affiliation
Title

My organization X
Elsevier - Demonstration Account - ** Elsevier Junior IP ** (Dayton)
Change Organization
Remote Access Activation
Logout

Turn off AutoSuggest | + Add search field | Reset form

Databases ^ Date ▾ Language ▾ Document type ▾ Sort by ▾ Browse indexes ▾ Autostemming ▾ Discipline ▾ Treatment ▾

☐ All ☒ Compindex ☐ Inspec ☐ NTIS ☐ PaperChem ☐ Chimica ☐ CBNB
☐ EnCompassLIT ☐ EnCompassPAT ☐ GEOBASE ☐ GeoRef ☐ US Patents ☐ EP Patents
☐ Knovel

Exemplo de busca (filtro numérico):

1. Pontes de concreto: **bridges and concrete** – **49.614** resultados,
2. para ferrovias de trens
3. com extensão maior ou igual a 4 km



Search ▾

Results

Alerts ²⁵

Selected records

Quick search: All fields



for bridges and concrete

Turn off AutoSuggest

Databases ^

Date ▾

Language ▾

Document type ▾

Sort by ▾

Browse indexes ▾

Auto

49,614 records found in Compendex for 1884-2018: ((bridges and concrete) WN All fields)

Alert Save RSS

Refine

Numeric filter ⓘ

By category

Download all ⬇ ⬆

Limit to

Exclude

1. ☐ **Impact in highway prestressed concrete bridges**

Wang, T.L. (Florida Intl Univ, Miami, United States); Shahawy, M.; Huang, D.
525-534, Jul 17 1992

Database: Compendex

Detailed

Show preview ▾

Cited by in Scopus (15)

Full text ➔

Numeric filter ⓘ

Refine results

Limit to

Exclude

Add a term

Controlled vocabulary

Author

Author affiliation

Classification code

Country

Document type

Language

Year

Source title

Publisher

Funding sponsor

Exemplo de busca (filtro numérico):

1. Pontes de concreto: **bridges and concrete** – **49.614** resultados,
2. para ferrovias de trens: Vocabulário Controlado **railroad, bridges** – **1.189** resultados,
3. com extensão maior ou igual a 4 km


Engineering Village™
 The first choice for serious engineering research.

Search 
 Results
 Alerts 25
 Selected records 0
 ? 
 Luiz Baginski 

Numeric filter  






Refine results

Limit to
 Exclude

Add a term

Controlled vocabulary   

☐ Bridges (8551)
 ☐ Concretes (7928)
 ☐ Reinforced Concrete (7100)
 ☐ Concrete Bridges (5096)
 ☐ Concrete Construction (4854)
 [View all >](#)

Author   

Author affiliation   

Classification code   

Country   

1. ☐ **New trends in**
 Virlogeux, M. (24)
 Database: Com
 Detailed Show p

2. ☐ **Impact in high**
 Wang, T.L. (Florida
 1992
 Database: Com
 Detailed Show p

3. ☐ **Impact in high**
 Wang, T.L.; Shaha
 Database: Com
 Detailed Show p

4. ☐ **Preferred Con**
 Rossner, Wolfgan
 Stahlbetonbau, v 8

Controlled vocabulary 

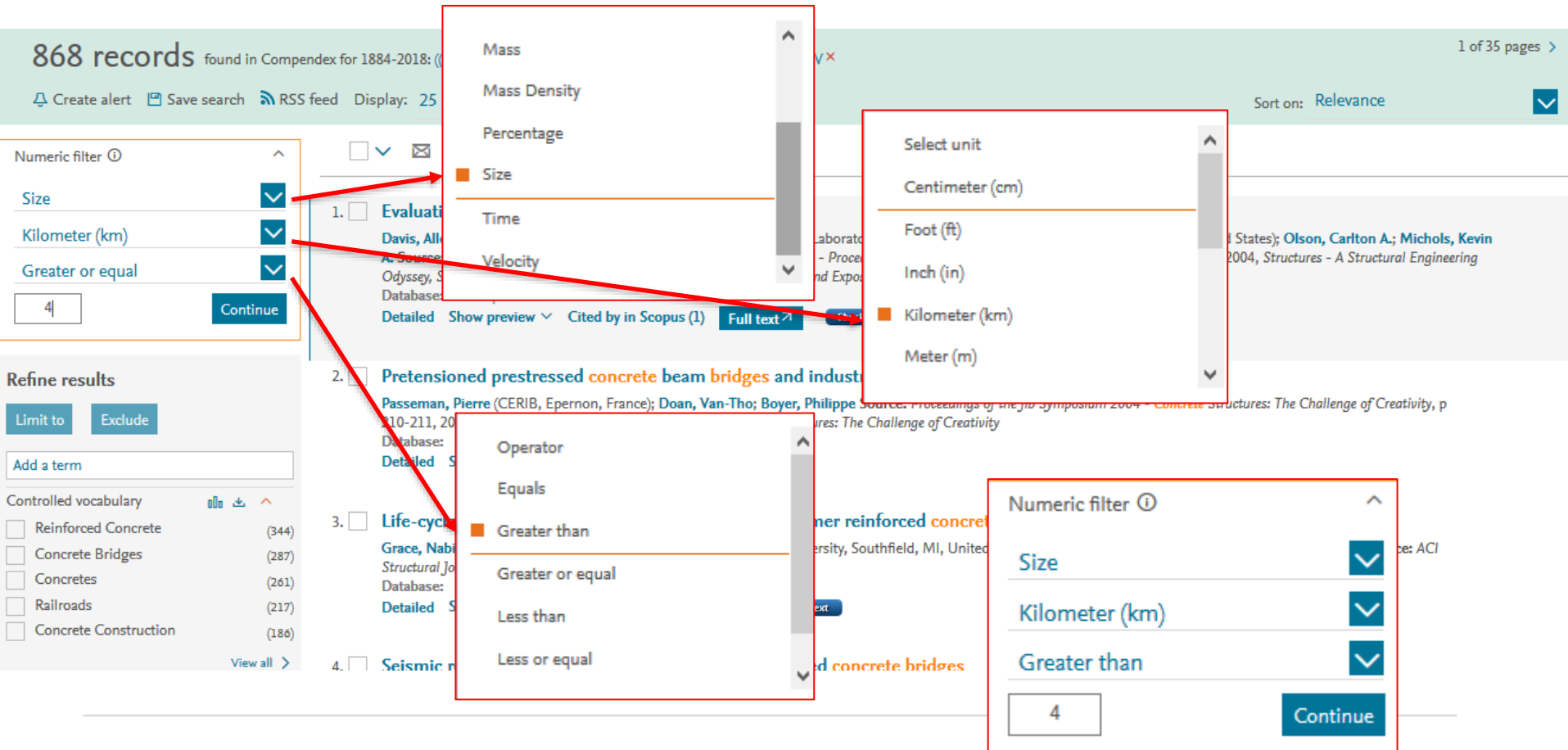
☐ Bridges (8551)	☐ Design (1502)	☐ Computer Simulation (1003)
☐ Concretes (7928)	☐ Concrete Buildings (1486)	☐ Columns (Structural) (997)
☐ Reinforced Concrete (7100)	☐ Concrete Slabs (1380)	☐ Cables (930)
☐ Concrete Bridges (5096)	☐ Seismology (1331)	☐ Deformation (910)
☐ Concrete Construction (4854)	☐ Fiber Reinforced Plastics (1327)	☐ Concrete Testing (901)
☐ Finite Element Method (3893)	☐ Tubular Steel Structures (1287)	☐ Prestressing (899)
☐ Bridge Decks (3485)	☐ Corrosion (1282)	☒ Railroad Bridges (868)
☐ Structural Design (5237)	☐ Building Materials (1221)	☐ Structural Health Monitoring (868)
☐ Concrete Beams And Girders (3119)	☐ Cable Stayed Bridges (1201)	☐ Composite Beams And Girders (861)
☐ Prestressed Concrete (2638)	☐ Steel (1191)	☐ Piers (859)
☐ Bridges, Concrete (2386)	☐ Stiffness (1188)	☐ Composite Bridges (855)
☐ Beams And Girders (2308)	☐ Steel Bridges (1158)	☐ Fibers (854)
☐ Reinforcement (2169)	☐ Mathematical Models (1153)	☐ Damage Detection (852)
☐ Arch Bridges (2107)	☐ Durability (1141)	☐ Bridges, Highway (838)
☐ Cracks (2073)	☐ Repair (1125)	☐ Reinforced Plastics (837)
☐ Structural Analysis (1826)	☐ Precast Concrete (1108)	☐ Ductility (836)
☐ Maintenance (1800)	☐ Compressive Strength (1089)	☐ Concrete Reinforcements (835)
☐ Civil Engineering (1725)	☐ Earthquakes (1086)	☐ Nondestructive Examination (828)
☐ Box Girder Bridges (1627)	☐ Bridge Piers (1078)	☐ Chlorine Compounds (804)
☐ Highway Bridges (1531)	☐ Arches (1039)	

[View less](#)

Limit to
 Exclude

Exemplo de busca (filtro numérico):

1. Pontes de concreto: **bridges and concrete** – **49.614** resultados,
2. para ferrovias de trens: Vocabulário Controlado **railroad, bridges** – **1.189** resultados,
3. com extensão maior ou igual a 4 km – filtro numérico **size >= 4km** – **30 resultados**



The screenshot displays a search results page with 868 records found in Compendex for 1884-2018. The interface includes a sidebar for refining results, a main list of results, and a numeric filter dialog.

Refine results sidebar:

- Numeric filter ①**
 - Size (selected)
 - Kilometer (km)
 - Greater or equal
 - 4
 - Continue
- Controlled vocabulary**
 - Reinforced Concrete (344)
 - Concrete Bridges (287)
 - Concretes (261)
 - Railroads (217)
 - Concrete Construction (186)

Main results list:

- Evaluation of the performance of concrete bridges** by Davis, Allan. Source: Proceedings of the 10th Symposium 2004 - Concrete Structures: The Challenge of Creativity, p. 10-211, 2004. Database: Detailed S
- Pretensioned prestressed concrete beam bridges and industrial structures** by Passemann, Pierre (CERIB, Epervan, France); Doan, Van-Tho; Boyer, Philippe. Source: Proceedings of the 10th Symposium 2004 - Concrete Structures: The Challenge of Creativity, p. 10-211, 2004. Database: Detailed S
- Life-cycle cost analysis of reinforced concrete bridges** by Grace, Nabil. Source: Proceedings of the 10th Symposium 2004 - Concrete Structures: The Challenge of Creativity, p. 10-211, 2004. Database: Detailed S
- Seismic performance of reinforced concrete bridges**

Numeric filter dialog (top right):

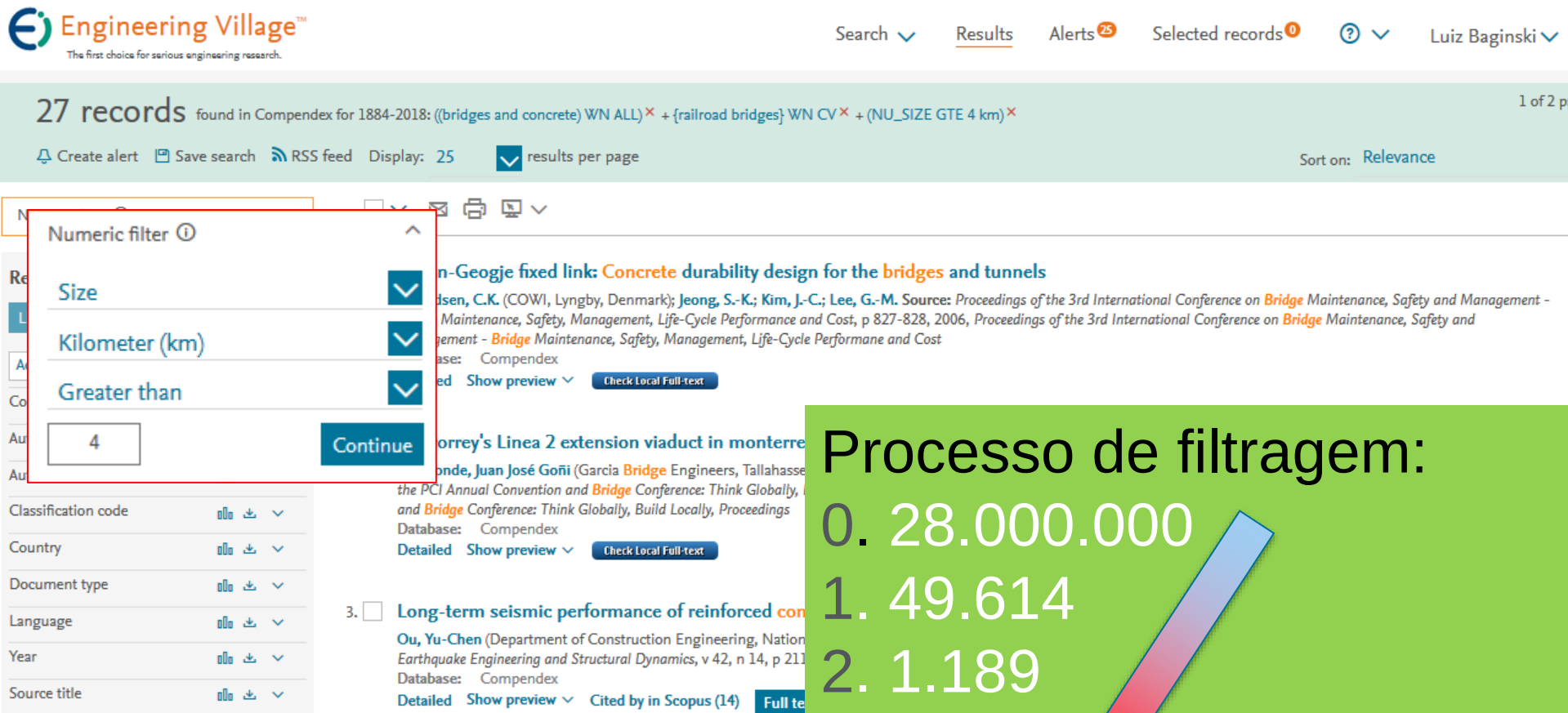
- Select unit
 - Centimeter (cm)
 - Foot (ft)
 - Inch (in)
 - Kilometer (km) (selected)
 - Meter (m)

Numeric filter dialog (bottom right):

- Numeric filter ①
 - Size (selected)
 - Kilometer (km)
 - Greater than
 - 4
 - Continue

Exemplo de busca:

1. Pontes de concreto: **bridges and concrete** – **49.614** resultados,
2. para ferrovias de trens: Vocabulário Controlado **railroad, bridges** – **1.189** resultados,
3. com extensão maior ou igual a 4 km – filtro numérico **size >= 4km** – **30** resultados



The screenshot shows the Engineering Village search interface. The search results are filtered to show 27 records. A numeric filter is applied, setting the size to 'Greater than 4 km'. The results list includes articles on concrete durability design and seismic performance of reinforced concrete.

Engineering Village™
The first choice for serious engineering research.

Search Results Alerts 25 Selected records 0 ? Luiz Baginski

27 records found in Compendex for 1884-2018: ((bridges and concrete) WN ALL) + {railroad bridges} WN CV + (NU_SIZE GTE 4 km)

Create alert Save search RSS feed Display: 25 results per page Sort on: Relevance

Numeric filter

- Size
- Kilometer (km)
- Greater than
- 4
- Continue

Relevance

1. n-Geogje fixed link: **Concrete** durability design for the **bridges** and tunnels
Jensen, C.K. (COWI, Lyngby, Denmark); Jeong, S.-K.; Kim, J.-C.; Lee, G.-M. Source: Proceedings of the 3rd International Conference on **Bridge** Maintenance, Safety and Management - Maintenance, Safety, Management, Life-Cycle Performance and Cost, p 827-828, 2006, Proceedings of the 3rd International Conference on **Bridge** Maintenance, Safety and Management - **Bridge** Maintenance, Safety, Management, Life-Cycle Performance and Cost
Database: Compendex
Detailed Show preview Check Local Full-text

2. Correy's Linea 2 extension viaduct in monterrey
Gonzalez, Juan José Goñi (Garcia **Bridge** Engineers, Tallahassee, FL, USA)
the PCI Annual Convention and **Bridge** Conference: Think Globally, Build Locally, Proceedings of the 3rd International Conference on **Bridge** Maintenance, Safety and Management - **Bridge** Maintenance, Safety, Management, Life-Cycle Performance and Cost
Database: Compendex
Detailed Show preview Check Local Full-text

3. Long-term seismic performance of reinforced concrete
Ou, Yu-Chen (Department of Construction Engineering, National Central University, Chungli, Taiwan)
Earthquake Engineering and Structural Dynamics, v 42, n 14, p 211-224, 2014
Database: Compendex
Detailed Show preview Cited by in Scopus (14) Full text

Processo de filtragem:

0. 28.000.000

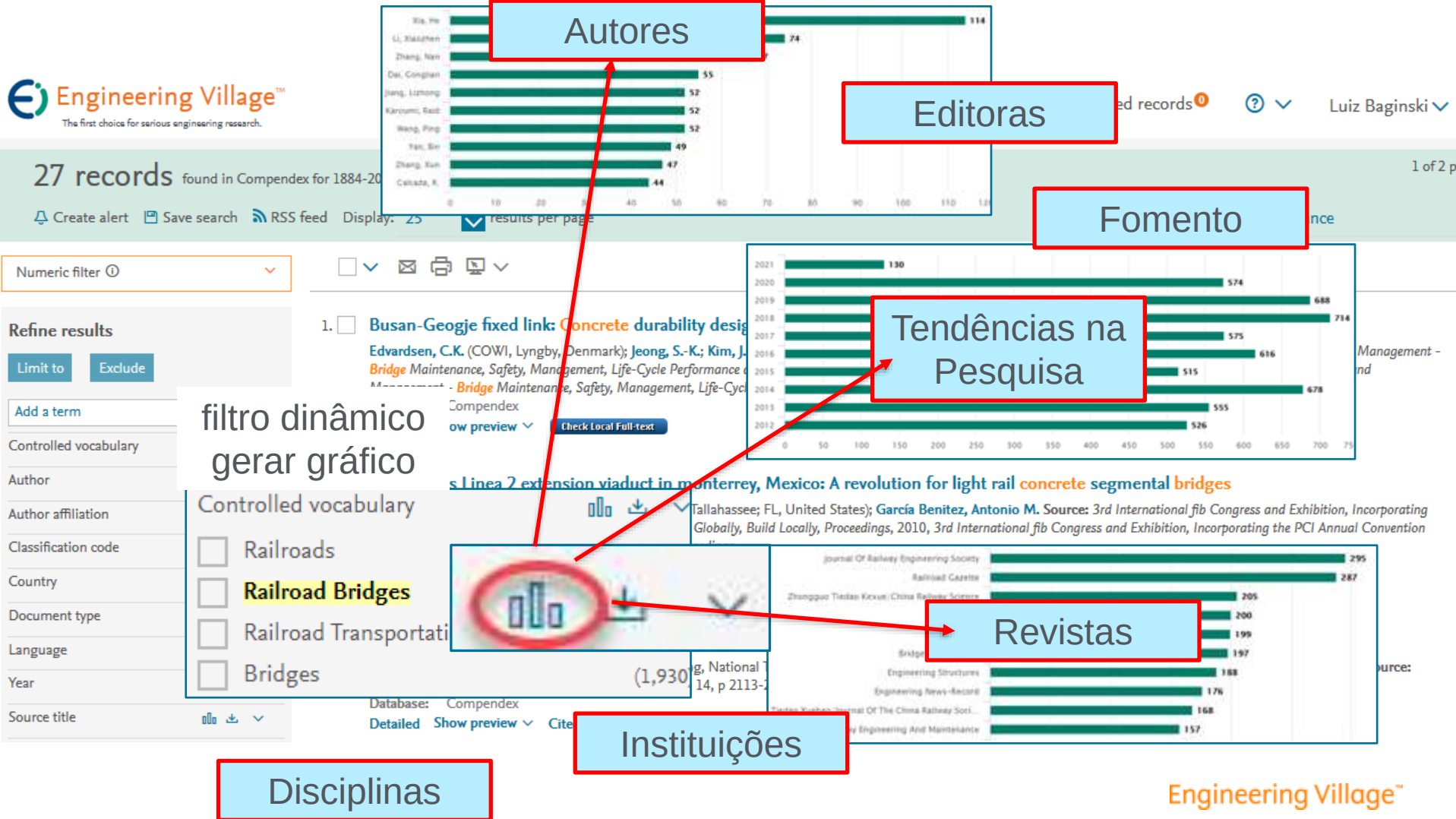
1. 49.614

2. 1.189

3. 30



Análise Contextual (*railroad bridges*) – Mais Relevantes



Um Registro – Resumo e Índices (*Abstract & Indexes*)

[< Back to results](#)

Full text

Check Local Full-text



[Abstract](#)

[Detailed](#)

[Compendex Refs](#) 

[PlumX Metrics](#) 



[See details](#)

Usage

Abstract Views: 1

Captures

Readers: 2

1. Texto:

1.1 Citações

1.2 Resumos e Índices (A&I)

1.3 Texto completo

2. Dados ou Numérica

3. Mapas

4. Vídeos/filmes/imagens

☐ **Metrorrey's linea 2 extension viaduct:** A revolution for light-rail precast concrete segmental bridges

Baamonde, Juan José Goñi ¹; Garcia, A

Source: *PCI Journal*, v 54, n 4, p 175
Precast/Prestressed Concrete Instit

Author affiliation : ¹ Department of

Abstract: Metro of Monterrey's new includes a revolutionary concept for 37-m-long (121 ft), 9.2-m-wide (30 structure envelope, which reduces structural reinforcement per cubic bridges typically contain concrete w and longitudinal internal tendons. light-rail bridges. (5 refs)

Main heading: **Precast concrete**

- Dados Bibliográficos
Título, Autor, Resumo
Vocabulário
Controlado - Tesouro
Não Controlado – Palavras-chave
- Link ao texto completo
- Referências bibliográficas
- Documentos relacionados
- Métricas
Científicas/Citações (Scopus)
Não Científicas Redes Sociais (*PlumX*)
- Exportação Citação
Dados bibliográficos, Gestores - *Mendeley*

Related Documents

Dynamic test and analysis of curved bridges

Huang, Dongzhou
(2005) *Transportation Research Record*
Database: *Compendex*

Dynamic tests of curved concrete bridges

Rodrigues, Jorge ; Ledesma, Maíra
(2014) *Proceedings of the International Structural Dynamic*, EURO DYN
Database: *Compendex*

Experimental research on noise and vibration of concrete box-girder bridges on in

Li, Xiaozhen ; Zhang, Xun ; Zhang, Xun
(2015) *Proceedings of the Institution of Engineers, Part F: Journal of Rail and Road*
Database: *Compendex*

Tools in Scopus

This article has been cited **2 times**

Wu, X.; Liu, X.

Cause analysis and preventive measures for longitudinal cracks in bottom slab of bridges

(2011) 2011 International Conference

O Perfil de Pesquisa (*Engineering Research Profile*)

- Number of documents
- Top Authors
- Subject areas
- Research focus
- Source titles
- Funding sources
- Published in last past 10 years

